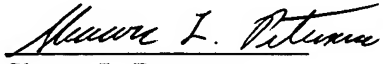


IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION OF:)	<u>EXPRESS MAIL</u>
C. Lutkemeyer)	
SERIAL NO.: unassigned)	Label No.: <u>EV 134752449 US</u>
FILED: herewith)	Date: <u>August 28, 2003</u>
FOR: SWITCHING ACTIVITY)	
REDUCED CODING FOR LOW-)	Shawn L. Peterson
POWER DIGITAL SIGNAL)	Reg. No. 44,286
PROCESSING CIRCUITRY)	
GROUP ART UNIT: unassigned)	
EXAMINER: unassigned)	

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir:

Applicant submits herewith a copy of each of the following references cited for consideration in connection with the above application.

<u>U.S. Patent No.</u>	<u>Inventor(s)</u>	<u>Issue Date</u>
N/A		

Foreign Document No.

Country

Publication Date

N/A

Other Documents (Including Author, Title, Date, Pertinent Pages, Etc.)

Chris J. Nicol and Patrik Larsson; "Low Power Multiplication for FIR Filters;" 1997,
pgs. 76-79

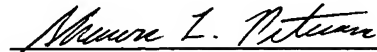
The above reference is listed on the enclosed Form PTO-1449 (in duplicate) entitled
"Information Disclosure Citation."

This Information Disclosure Statement is being submitted before the receipt of a
first Office Action on the merits of the application.

Please charge any fees incurred in connection with this submission or credit any
overpayment to Deposit Account No. 13-0017, in the name of McAndrews, Held & Malloy,
Ltd.

Date: August 28, 2003

Respectfully submitted,



Shawn L. Peterson
Registration No. 44, 286
Attorney for applicant

McANDREWS, HELD & MALLOY, LTD.
500 W. Madison, 34th Floor
Chicago, IL 60661
Telephone: (312) 775-8000
Facsimile: (312) 775-8100

FORM PTO-1449	SERIAL NO. unassigned	CASE NO. 15069US01
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	FILING DATE herewith	GROUP ART UNIT unassigned
(use several sheets if necessary)	APPLICANT(S): C. Lutkemeyer	

REFERENCE DESIGNATION
U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS/ SUBCLASS	FILING DATE

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION YES	NO

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449	SERIAL NO. unassigned	CASE NO. 15069US01
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	FILING DATE herewith	GROUP ART UNIT unassigned
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EXAMINER INITIAL	OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)
	Chris J. Nicol and Patrik Larsson; "Low Power Multiplication for FIR Filters;" 1997, pgs. 76-79

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